

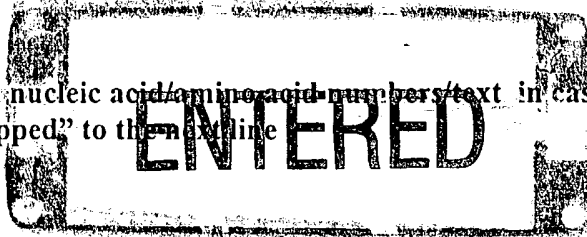
1FW/6

CRF Errors Edited by the STIC Systems Branch

Serial Number: 09/857,581A

CRF Edit Date: 9/20/04
Edited by: SR

Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line



✓

Corrected the SEQ ID NO. Sequence numbers edited were:

55

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

Deleted: ___ invalid beginning/end-of-file text ; ___ page numbers

Inserted mandatory headings/numeric identifiers, specifically:

Moved responses to same line as heading/numeric identifier, specifically:

✓

Other:

corrected <1507 response



IFW16

RAW SEQUENCE LISTING

DATE: 09/20/2004

PATENT APPLICATION: US/09/857,581A

TIME: 11:40:08

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\09202004\I857581A.raw

3 <110> APPLICANT: Fader, Gary M.
 4 Jung, Woosuk
 5 McGonigle, Brian
 6 Odell, Joan T.
 7 Yu, Xiaodan
 9 <120> TITLE OF INVENTION: Nucleic Acid Fragments Encoding Isoflavone Synthase
 11 <130> FILE REFERENCE: BB-1339
 13 <140> CURRENT APPLICATION NUMBER: 09/857,581A
 C--> 14 <141> CURRENT FILING DATE: 2001-06-05
 16 <150> PRIOR APPLICATION NUMBER: PCT/US00/01772
 17 <151> PRIOR FILING DATE: 2000-01-26
 19 <150> PRIOR APPLICATION NUMBER: 60/117769
 20 <151> PRIOR FILING DATE: 1999-01-27
 22 <150> PRIOR APPLICATION NUMBER: 60/144783
 23 <151> PRIOR FILING DATE: 1999-07-20
 25 <150> PRIOR APPLICATION NUMBER: 60/156094
 26 <151> PRIOR FILING DATE: 1999-09-24
 28 <160> NUMBER OF SEQ ID NOS: 66
 30 <170> SOFTWARE: Microsoft Office 97
 32 <210> SEQ ID NO: 1
 33 <211> LENGTH: 1756
 34 <212> TYPE: DNA
 35 <213> ORGANISM: Glycine max
 37 <400> SEQUENCE: 1
 38 gtaattaacc tcactcaaac tcgggatcac agaaaccaac aacagttctt gcactgaggt 60
 39 ttcacgatgt tgctggaact tgcacttggt ttgttttgtt tagctttgtt tctgcacttg 120
 40 cgtccacac caagtgcaaa atcaaaagca cttegccacc tcccaaacc tccaagccca 180
 41 aagcctcgtc ttcccttcat tggccacctt cactctctaa aagataaact tctccactat 240
 42 gcactcatcg atctctccaa aaagcatggc cccttattct ctctctcctt cggtcccatg 300
 43 ccaaccgtcg ttgcctccac ccctgagttg ttcaagctct tcttccaaac ccacgaggca 360
 44 acttcttca acacaaggtt ccaaacctct gccataagac gcctcactta cgacaactct 420
 45 gtggccatgg ttccattcgg accttactgg aagttcgtga ggaagctcat catgaacgac 480
 46 cttctcaacg ccaccaccgt caacaagctc aggcctttga ggaccaaca gatccgcaag 540
 47 ttccttaggg ttatggccca aagcgcagag gccagaagc cccttgacgt caccgaggag 600
 48 cttctcaaat ggaccaacag caccatctcc atgatgatgc tcggcgaggc tgaggagatc 660
 49 agagacatcg ctgcgcagggt tcttaagatc ttgcgcgaat acagcctcac tgacttcac 720
 50 tggcctttga agtatctcaa gggttgaaag tatgagaaga ggattgatga catcttgaac 780
 51 aagttcgacc ctgtcgttga aagggctcgc aagaagcgcc gtgagatcgt cagaaggaga 840
 52 aagaacggag aagttgttga gggcgaggcc agcggcgctc tctcgcacac tttgcttgaa 900
 53 ttcgctgagg acgagaccat ggagatcaaa attaccaagg agcaaataca gggccttggt 960
 54 gtgcactttt tctctgcagg gacagattcc acagcggtag caacagagtg ggcattggca 1020
 55 gagtcacatca acaatcccag ggtgttgcaa aaggctcgtg aggaggtcta cagtgttgtg 1080
 56 ggcaaagata gactcgttga cgaagttgac actcaaaacc ttccttacat tagggccatt 1140

RAW SEQUENCE LISTING

DATE: 09/20/2004

PATENT APPLICATION: US/09/857,581A

TIME: 11:40:08

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\09202004\I857581A.raw

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57 gtgaaggaga cattccgaat gcacccacca ctcccagtg tcaaaagaaa gtgcacagaa 1200
58 gagtgtgaga ttaatgggta tgtgatccca gagggagcat tggttctttt caatgtttgg 1260
59 caagtaggaa gggaccccaa atactgggac agaccatcag aattccgtcc cgagagggttc 1320
60 ttagaaactg gtgctgaagg ggaagcaggg cctcttgatc ttagggggcca gcatttccaa 1380
61 ctctctccat ttgggtctgg gaggagaatg tgccctgggt tcaatttggc tacttcagga 1440
62 atggcaacac ttcttgcatc tcttatccaa tgctttgacc tgcaagtgtt gggccctcaa 1500
63 ggacaaatat tgaaaggtga tgatgccaaa gttagcatgg aagagagagc tggcctcaca 1560
64 gttccaaggg cacatagtct cgtttggtgt ccacttgcaa ggatcggcgt tgcattctaaa 1620
65 ctcttttctt aattaagata atcatcatat acaatagtag tgtcttgcca tcgcagttgc 1680
66 tttttatgta ttcataatca tcatttcaat aaggtgtgac tgggtacttaa tcaagtaatt 1740
67 aaggttacat acatgc 1756
69 <210> SEQ ID NO: 2
70 <211> LENGTH: 521
71 <212> TYPE: PRT
72 <213> ORGANISM: Glycine max
74 <400> SEQUENCE: 2
75 Met Leu Leu Glu Leu Ala Leu Gly Leu Phe Val Leu Ala Leu Phe Leu
76   1           5           10          15
78 His Leu Arg Pro Thr Pro Ser Ala Lys Ser Lys Ala Leu Arg His Leu
79           20           25           30
81 Pro Asn Pro Pro Ser Pro Lys Pro Arg Leu Pro Phe Ile Gly His Leu
82           35           40           45
84 His Leu Leu Lys Asp Lys Leu His Tyr Ala Leu Ile Asp Leu Ser
85           50           55           60
87 Lys Lys His Gly Pro Leu Phe Ser Leu Ser Phe Gly Ser Met Pro Thr
88   65           70           75           80
90 Val Val Ala Ser Thr Pro Glu Leu Phe Lys Leu Phe Leu Gln Thr His
91           85           90           95
93 Glu Ala Thr Ser Phe Asn Thr Arg Phe Gln Thr Ser Ala Ile Arg Arg
94           100          105          110
96 Leu Thr Tyr Asp Asn Ser Val Ala Met Val Pro Phe Gly Pro Tyr Trp
97           115          120          125
99 Lys Phe Val Arg Lys Leu Ile Met Asn Asp Leu Leu Asn Ala Thr Thr
100          130          135          140
102 Val Asn Lys Leu Arg Pro Leu Arg Thr Gln Gln Ile Arg Lys Phe Leu
103 145          150          155          160
105 Arg Val Met Ala Gln Ser Ala Glu Ala Gln Lys Pro Leu Asp Val Thr
106          165          170          175
108 Glu Glu Leu Leu Lys Trp Thr Asn Ser Thr Ile Ser Met Met Met Leu
109          180          185          190
111 Gly Glu Ala Glu Glu Ile Arg Asp Ile Ala Arg Glu Val Leu Lys Ile
112          195          200          205
114 Phe Gly Glu Tyr Ser Leu Thr Asp Phe Ile Trp Pro Leu Lys Tyr Leu
115          210          215          220
117 Lys Val Gly Lys Tyr Glu Lys Arg Ile Asp Asp Ile Leu Asn Lys Phe
118 225          230          235          240
120 Asp Pro Val Val Glu Arg Val Ile Lys Lys Arg Arg Glu Ile Val Arg
121          245          250          255
123 Arg Arg Lys Asn Gly Glu Val Val Glu Gly Glu Ala Ser Gly Val Phe

```

RAW SEQUENCE LISTING

DATE: 09/20/2004

PATENT APPLICATION: US/09/857,581A

TIME: 11:40:08

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\09202004\I857581A.raw

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124          260          265          270
126 Leu Asp Thr Leu Leu Glu Phe Ala Glu Asp Glu Thr Met Glu Ile Lys
127          275          280          285
129 Ile Thr Lys Glu Gln Ile Lys Gly Leu Val Val Asp Phe Phe Ser Ala
130          290          295          300
132 Gly Thr Asp Ser Thr Ala Val Ala Thr Glu Trp Ala Leu Ala Glu Leu
133 305          310          315          320
135 Ile Asn Asn Pro Arg Val Leu Gln Lys Ala Arg Glu Glu Val Tyr Ser
136          325          330          335
138 Val Val Gly Lys Asp Arg Leu Val Asp Glu Val Asp Thr Gln Asn Leu
139          340          345          350
141 Pro Tyr Ile Arg Ala Ile Val Lys Glu Thr Phe Arg Met His Pro Pro
142          355          360          365
144 Leu Pro Val Val Lys Arg Lys Cys Thr Glu Glu Cys Glu Ile Asn Gly
145          370          375          380
147 Tyr Val Ile Pro Glu Gly Ala Leu Val Leu Phe Asn Val Trp Gln Val
148 385          390          395          400
150 Gly Arg Asp Pro Lys Tyr Trp Asp Arg Pro Ser Glu Phe Arg Pro Glu
151          405          410          415
153 Arg Phe Leu Glu Thr Gly Ala Glu Gly Glu Ala Gly Pro Leu Asp Leu
154          420          425          430
156 Arg Gly Gln His Phe Gln Leu Leu Pro Phe Gly Ser Gly Arg Arg Met
157          435          440          445
159 Cys Pro Gly Val Asn Leu Ala Thr Ser Gly Met Ala Thr Leu Leu Ala
160          450          455          460
162 Ser Leu Ile Gln Cys Phe Asp Leu Gln Val Leu Gly Pro Gln Gly Gln
163 465          470          475          480
165 Ile Leu Lys Gly Asp Asp Ala Lys Val Ser Met Glu Glu Arg Ala Gly
166          485          490          495
168 Leu Thr Val Pro Arg Ala His Ser Leu Val Cys Val Pro Leu Ala Arg
169          500          505          510
171 Ile Gly Val Ala Ser Lys Leu Leu Ser
172          515          520

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174 <210> SEQ ID NO: 3

175 <211> LENGTH: 27

176 <212> TYPE: DNA

177 <213> ORGANISM: Artificial Sequence

179 <220> FEATURE:

180 <223> OTHER INFORMATION: Oligonucleotide Primer

182 <400> SEQUENCE: 3

183 cgggatccat gcaaccggaa accgtcg

27

185 <210> SEQ ID NO: 4

186 <211> LENGTH: 32

187 <212> TYPE: DNA

188 <213> ORGANISM: Artificial Sequence

190 <220> FEATURE:

191 <223> OTHER INFORMATION: Oligonucleotide Primer

193 <400> SEQUENCE: 4

194 ccggaattct caccaaacat cacggaggta tc

32

RAW SEQUENCE LISTING

DATE: 09/20/2004

PATENT APPLICATION: US/09/857,581A

TIME: 11:40:08

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\09202004\I857581A.raw

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196 <210> SEQ ID NO: 5
197 <211> LENGTH: 47
198 <212> TYPE: DNA
199 <213> ORGANISM: Artificial Sequence
201 <220> FEATURE:
202 <223> OTHER INFORMATION: Oligonucleotide Primer
204 <400> SEQUENCE: 5
205 tcaaggagaa aaaaccccg atccatgttg ctggaacttg cacttgg 47
207 <210> SEQ ID NO: 6
208 <211> LENGTH: 35
209 <212> TYPE: DNA
210 <213> ORGANISM: Artificial Sequence
212 <220> FEATURE:
213 <223> OTHER INFORMATION: Oligonucleotide Primer
215 <400> SEQUENCE: 6
216 ggccagtga ttgtaatacg actcactata gggcg 35
218 <210> SEQ ID NO: 7
219 <211> LENGTH: 24
220 <212> TYPE: DNA
221 <213> ORGANISM: Artificial Sequence
223 <220> FEATURE:
224 <223> OTHER INFORMATION: Sequence:PCR primer
226 <400> SEQUENCE: 7
227 aaaattagcc tcacaaaagc aaag 24
229 <210> SEQ ID NO: 8
230 <211> LENGTH: 27
231 <212> TYPE: DNA
232 <213> ORGANISM: Artificial Sequence
234 <220> FEATURE:
235 <223> OTHER INFORMATION: PCR primer
237 <400> SEQUENCE: 8
238 atataaggat tgatagtta tagtagg 27
240 <210> SEQ ID NO: 9
241 <211> LENGTH: 1824
242 <212> TYPE: DNA
243 <213> ORGANISM: Glycine max
245 <400> SEQUENCE: 9
246 ggaaaattag cctcacaaaa gcaaagatca aacaaaccaa ggacgagaac acgatgttgc 60
247 ttgaacttgc acttggttta ttggttttg ctctgtttct gcacttgcgt cccacacca 120
248 ctgcaaaatc aaaagcactt cgccatctcc caaacccacc aagcccaaag cctcgtcttc 180
249 ccttcatagg acaccttcat ctcttaaaag acaaacttct ccactacgca ctcacgacc 240
250 tctccaaaaa acatggtecc ttattctctc tctactttgg ctccatgcca accgttggtg 300
251 cctccacacc agaattgttc aagctcttcc tccaaacgca cgaggcaact tccttcaaca 360
252 caagggttcca aacctcagcc ataagacgcc tcacctatga tagctcagtg gccatggttc 420
253 ccttcggacc ttactggaag ttcgtgagga agctcatcat gaacgacctt cccaacgcca 480
254 ccactgtaaa caagttgagg cttttgagga cccaacagac ccgcaagttc cttagggtta 540
255 tggcccaagg cgcagaggca cagaagcccc ttgacttgac cgaggagctt ctgaaatgga 600
256 ccaacagcac catctccatg atgatgctcg gcgaggctga ggagatcaga gacatcgctc 660
257 gcgaggttct taagatcttt ggccaatata gcctcactga cttcatctgg ccattgaagc 720

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RAW SEQUENCE LISTING

DATE: 09/20/2004

PATENT APPLICATION: US/09/857,581A

TIME: 11:40:08

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\09202004\I857581A.raw

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258 atctcaaggt tggaaagtat gagaagagga tcgacgacat cttgaacaag ttcgaccctg 780
259 tcgttgaaag ggtcatcaag aagcgccgtg agatcgtgag gaggagaaag aacggagagg 840
260 ttgttgaggg tgaggtcagc ggggttttcc ttgacacttt gcttgaattc gctgaggatg 900
261 agaccatgga gatcaaaatc accaaggacc acatcgaggg tcttgttgtc gactttttct 960
262 cggcaggaac agactccaca gcggtggcaa cagagtgggc attggcagaa ctcacaca 1020
263 atcctaaggt gttggaaaag gctcgtgagg aggtctacag tgttgtggga aaggacagac 1080
264 ttgtggacga agttgacact caaaaccttc cttacattag agcaatcgtg aaggagacat 1140
265 tccgcatgca cccgccactc ccagtggcca aaagaaagtg cacagaagag tgtgagatta 1200
266 atggatatgt gatcccagag ggagcattga ttctcttcaa tgtatggcaa gtaggaagag 1260
267 accccaaata ctgggacaga ccatcggagt tccgtcctga gaggttccta gagacagggg 1320
268 ctgaagggga agcagggcct cttgatctta ggggacaaca ttttcaactt ctcccatttg 1380
269 ggtctgggag gagaatgtgc cctggagtca atctggctac ttcgggaatg gcaacacttc 1440
270 ttgcatctct tattcagtgc ttcgacttgc aagtgtctggg tccacaagga cagatattga 1500
271 aggggtggtga cgccaaagt agcatggaag agagagccgg cctcactgtt ccaagggcac 1560
272 atagtcttgt ctgtgttcca cttgcaagga tcggcggtgc atctaaactc ctttcttaat 1620
273 taagatcatc atcatatata atatttactt tttgtgtgtt gataatcatc atttcaataa 1680
274 ggtctcgttc atctactttt tatgaagtat ataagccctt ccatgcacat tgtatcatct 1740
275 cccatttgtc ttcgtttgct acctaaggca atcttttttt ttttagaatc acatcatcct 1800
276 actataaact atcaatcctt atat 1824

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278 <210> SEQ ID NO: 10

279 <211> LENGTH: 521

280 <212> TYPE: PRT

281 <213> ORGANISM: Glycine max

283 <400> SEQUENCE: 10

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284 Met Leu Leu Glu Leu Ala Leu Gly Leu Leu Val Leu Ala Leu Phe Leu
285   1           5           10           15
287 His Leu Arg Pro Thr Pro Thr Ala Lys Ser Lys Ala Leu Arg His Leu
288           20           25           30
290 Pro Asn Pro Pro Ser Pro Lys Pro Arg Leu Pro Phe Ile Gly His Leu
291           35           40           45
293 His Leu Leu Lys Asp Lys Leu Leu His Tyr Ala Leu Ile Asp Leu Ser
294           50           55           60
296 Lys Lys His Gly Pro Leu Phe Ser Leu Tyr Phe Gly Ser Met Pro Thr
297   65           70           75           80
299 Val Val Ala Ser Thr Pro Glu Leu Phe Lys Leu Phe Leu Gln Thr His
300           85           90           95
302 Glu Ala Thr Ser Phe Asn Thr Arg Phe Gln Thr Ser Ala Ile Arg Arg
303           100          105          110
305 Leu Thr Tyr Asp Ser Ser Val Ala Met Val Pro Phe Gly Pro Tyr Trp
306           115          120          125
308 Lys Phe Val Arg Lys Leu Ile Met Asn Asp Leu Pro Asn Ala Thr Thr
309           130          135          140
311 Val Asn Lys Leu Arg Pro Leu Arg Thr Gln Gln Thr Arg Lys Phe Leu
312 145           150          155          160
314 Arg Val Met Ala Gln Gly Ala Glu Ala Gln Lys Pro Leu Asp Leu Thr
315           165          170          175
317 Glu Glu Leu Leu Lys Trp Thr Asn Ser Thr Ile Ser Met Met Met Leu
318           180          185          190
320 Gly Glu Ala Glu Glu Ile Arg Asp Ile Ala Arg Glu Val Leu Lys Ile

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/857,581A

DATE: 09/20/2004
TIME: 11:40:09

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\09202004\I857581A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:66; Xaa Pos. 10,16,23,25,39,48,60,73,74,95,96,102,110,112,117,118,121
Seq#:66; Xaa Pos. 122,124,129,147,159,162,166,170,175,183,187,191,209,219
Seq#:66; Xaa Pos. 223,253,259,263,264,268,272,285,292,293,294,301,306,311
Seq#:66; Xaa Pos. 312,325,328,329,334,342,377,381,385,387,393,394,402,404
Seq#:66; Xaa Pos. 413,422,428,429,435,447,453,459,485

VERIFICATION SUMMARY

DATE: 09/20/2004

PATENT APPLICATION: US/09/857,581A

TIME: 11:40:09

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\09202004\I857581A.raw

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:3458 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:0

M:341 Repeated in SeqNo=66



IFW16

RAW SEQUENCE LISTING

DATE: 09/17/2004

PATENT APPLICATION: US/09/857,581A

TIME: 09:54:37

Input Set : A:\BB1339 corrected sequence listing.txt

Output Set: N:\CRF4\09172004\I857581A.raw

3 <110> APPLICANT: Fader, Gary M.
 4 Jung, Woosuk
 5 McGonigle, Brian
 6 Odell, Joan T.
 7 Yu, Xiaodan
 9 <120> TITLE OF INVENTION: Nucleic Acid Fragments Encoding Isoflavone Synthase
 11 <130> FILE REFERENCE: BB-1339
 13 <140> CURRENT APPLICATION NUMBER: 09/857,581A
 C--> 14 <141> CURRENT FILING DATE: 2001-06-05
 16 <150> PRIOR APPLICATION NUMBER: PCT/US00/018772 ←
 17 <151> PRIOR FILING DATE: 2000-01-26
 19 <150> PRIOR APPLICATION NUMBER: 60/117769
 20 <151> PRIOR FILING DATE: 1999-01-27
 22 <150> PRIOR APPLICATION NUMBER: 60/144783
 23 <151> PRIOR FILING DATE: 1999-07-20
 25 <150> PRIOR APPLICATION NUMBER: 60/156094
 26 <151> PRIOR FILING DATE: 1999-09-24
 28 <160> NUMBER OF SEQ ID NOS: 66
 30 <170> SOFTWARE: Microsoft Office 97

ERRORED SEQUENCES

2561 <210> SEQ ID NO: 55
 2562 <211> LENGTH: 499
 2563 <212> TYPE: PRT
 2564 <213> ORGANISM: Lupinus albus
 E--> 2566 <400> SEQUENCE: (49) 55 ← change to
 2567 Phe Leu His Leu Arg Pro Thr Pro Thr Ala Lys Ser Lys Ala Leu Arg
 2568 1 5 10 15
 2570 His Leu Pro Asn Pro Pro Ser Pro Lys Pro Arg Leu Pro Phe Ile Gly
 2571 20 25 30
 2573 His Leu His Leu Leu Lys Asp Lys Leu Leu His Tyr Ala Leu Ile Asp
 2574 35 40 45
 2576 Leu Ser Lys Lys His Gly Pro Leu Phe Ser Leu Tyr Phe Gly Ser Met
 2577 50 55 60
 2579 Pro Thr Val Val Ala Ser Thr Pro Glu Leu Phe Lys Leu Phe Leu Gln
 2580 65 70 75 80
 2582 Thr His Glu Ala Thr Ser Phe Asn Thr Arg Phe Gln Thr Ser Ala Ile
 2583 85 90 95
 2585 Arg Arg Leu Thr Tyr Asp Ser Ser Val Ala Arg Val Pro Phe Gly Pro
 2586 100 105 110
 2588 Tyr Trp Lys Phe Val Arg Lys Leu Ile Met Asn Asp Leu Leu Asn Ala

Does Not Comply
 Corrected Diskette Needed

RAW SEQUENCE LISTING

DATE: 09/17/2004

PATENT APPLICATION: US/09/857,581A

TIME: 09:54:38

Input Set : A:\BB1339 corrected sequence listing.txt

Output Set: N:\CRF4\09172004\I857581A.raw

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2589          115          120          125
2591 Thr Thr Val Asn Lys Leu Arg Pro Leu Arg Thr Gln Gln Ile Arg Lys
2592          130          135          140
2594 Phe Leu Arg Val Met Ala Gln Gly Ala Glu Ala Gln Lys Pro Leu Asp
2595 145          150          155          160
2597 Leu Thr Glu Glu Leu Leu Lys Trp Thr Asn Ser Thr Ile Ser Met Met
2598          165          170          175
2600 Met Leu Gly Glu Ala Glu Glu Ile Arg Asp Ile Ala Arg Glu Val Leu
2601          180          185          190
2603 Lys Ile Phe Gly Glu Tyr Ser Leu Thr Asp Phe Ile Trp Pro Leu Lys
2604          195          200          205
2606 His Leu Lys Val Gly Lys Tyr Glu Lys Arg Ile Asp Asp Ile Leu Asn
2607          210          215          220
2609 Lys Phe Asp Pro Val Val Glu Arg Val Ile Lys Lys Arg Arg Glu Ile
2610 225          230          235          240
2612 Val Arg Arg Arg Lys Asn Gly Glu Val Val Glu Gly Glu Val Ser Gly
2613          245          250          255
2615 Val Leu Leu Asp Thr Leu Leu Glu Phe Ala Glu Asp Glu Thr Met Glu
2616          260          265          270
2618 Ile Lys Ile Thr Lys Asp His Ile Lys Gly Leu Val Val Asp Phe Phe
2619          275          280          285
2621 Ser Ala Gly Thr Asp Ser Thr Ala Val Ala Thr Glu Trp Ala Leu Ala
2622          290          295          300
2624 Glu Leu Ile Asn Asn Pro Lys Val Leu Glu Arg Ala Arg Glu Glu Val
2625 305          310          315          320
2627 Tyr Ser Val Val Gly Lys Asp Arg Leu Val Asp Glu Val Asp Thr Gln
2628          325          330          335
2630 Asn Leu Pro Tyr Ile Arg Ala Ile Val Lys Glu Thr Phe Arg Met His
2631          340          345          350
2633 Pro Pro Leu Pro Val Val Lys Arg Lys Cys Thr Glu Glu Cys Glu Ile
2634          355          360          365
2636 Asn Gly Tyr Val Ile Pro Glu Gly Ala Leu Ile Leu Phe Asn Val Trp
2637          370          375          380
2639 Gln Val Gly Arg Asp Pro Lys Tyr Trp Asp Arg Pro Ser Glu Phe Arg
2640 385          390          395          400
2642 Pro Glu Arg Phe Leu Glu Thr Glu Ala Glu Gly Glu Ala Arg Pro Leu
2643          405          410          415
2645 Asp Leu Arg Gly Gln His Phe Gln Leu Leu Pro Phe Gly Ser Gly Arg
2646          420          425          430
2648 Arg Met Cys Pro Gly Val Ile Leu Ala Thr Ser Gly Met Ala Thr Leu
2649          435          440          445
2651 Leu Ala Ser Leu Ile Gln Cys Phe Asp Leu Gln Val Leu Gly Pro Gln
2652          450          455          460
2654 Gly Gln Ile Leu Lys Gly Gly Asp Ala Lys Val Ser Met Glu Glu Arg
2655 465          470          475          480
2657 Ala Gly Leu Thr Val Pro Arg Ala His Ser Leu Val Cys Val Pro Leu
2658          485          490          495
2660 Ala Arg Ile

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VERIFICATION SUMMARY

DATE: 09/17/2004

PATENT APPLICATION: US/09/857,581A

TIME: 09:54:39

Input Set : A:\BB1339 corrected sequence listing.txt

Output Set: N:\CRF4\09172004\I857581A.raw

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:2566 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:55 differs:49
L:3458 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:0
L:3461 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:16
L:3464 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:32
L:3467 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:48
L:3470 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:64
L:3473 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:80
L:3476 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:96
L:3479 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:112
L:3482 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:128
L:3485 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:144
L:3488 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:160
L:3491 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:176
L:3497 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:208
L:3503 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:240
L:3506 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:256
L:3509 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:272
L:3512 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:288
L:3515 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:304
L:3518 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:320
L:3521 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:336
L:3527 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:368
L:3530 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:384
L:3533 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:400
L:3536 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:416
L:3539 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:432
L:3542 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:448
L:3548 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:480